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ABSTRACT

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This invention relates to methods, articles and compositions useful in detecting target substances in an alcoholic preservative solution, and for identifying sensors useful for binding to such targets. The methods allow for the simultaneous performance of sufficient fixation of a sample and binding of a detectable sensor to a target of interest in the sample. In one aspect, a method is provided that comprises contacting a sample suspected of containing a target with a detectable sensor molecule known to bind to such target in an alcoholic preservative solution. The method may be performed in multiplex form to permit simultaneous analysis of a plurality of targets. Methods for identifying a sensor capable of binding to a desired target in an alcoholic preservative solution are also provided. An alcoholic preservative solution comprising one or more such detectable sensors is also provided. Also provided is a sample comprising a bound sensor provided by such a process. Also provided are kits useful for such methods.